



NITFS Compliance Registration



Product: ELT/NET

Sponsor: Overwatch Systems Boston Operations

Developer: Overwatch Systems Boston Operations

Date: 30 April 2007

Expiration: 29 April 2009

Registration #: 2058

- ☐ Initial Registration
☒ Supplemental/Update #20#
☐ Derived from Reg. #34

Complexity Level							
NITF 2.1 CLEVEL							
	3		5	6	7		
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- Windows XP

☐ **System**
N-0105/98, §4.1.1

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format

NITF

- ☒ V2.1
- ☒ V2.0
- ☒ V1.1

NSIF

- ☒ V1.0

Pixel Value Types

- ☒ Boolean
- ☒ Integer
- ☒ Signed Integer *
- ☐ IEEE Real *
- ☐ IEEE Complex *

Annotation Segment Types

- ☒ Bit Mapped **
- ☒ CGM, 2301
- ☒ CGM, 2301A
- ☒ Labels **

Text Segments

- ☒ STA
- ☒ UT1
- ☒ U8S
- ☒ MTF

Image Segment Types

- ☒ MONO
- ☒ RGB
- ☒ RGB/LUT
- ☒ YCbCr
- ☒ MULTI
- ☒ NODISPLY
- ☐ POLAR

Image Compression

- ☒ Not Compressed
- ☒ JPEG Lossy, 8-bit
- ☒ JPEG Lossy, 12-bit
- ☒ JPEG Downsample
- ☒ JPEG Lossless
- ☒ JPEG 2000
- ☒ Bi-Level
- ☒ Vector Quantization

Data Extension Segments

- ☒ TRE_OVERFLOW
- ☐ STREAMING_FILE_HEADER
- ☒ Controlled Extensions **
- ☒ Registered Extensions **

Tagged Record Extensions

- ☒ CSDE
- ☒ DIGEST GeoSDE
- ☐ RPF
- ☐ NCDRD
- ☒ PIAE
- ☒ ICHIPB
- ☒ J2KLRA
- ☒ BANDSB
- ☒ IOMAPA
- ☒ RPC00B

Legend

- Interpret
Gen
- ☒ Fully implemented
 - ☒ Partially implemented
 - ☐ Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division
Chief

Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.